

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND THREE HUNDRED AND FORTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 6, 1998

The Board of Trustees met at its regular monthly meeting on Friday, November 6, 1998, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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The Chairman, Mr. Celeste, called the meeting of the Board of Trustees to order on November 6, 1998, at 11:10 a.m. He requested the Secretary to call the roll.

Present: Theodore S. Celeste, Chairman, Michael F. Colley, George A. Skestos, David L. Brennan, James F. Patterson, Zuheir Sofia, Tamala Longaberger, Daniel M. Slane, Robert M. Duncan, Soraya Rofagha, and Allyson Lowe. Fred L. Dailey, Director of the Ohio Department of Agriculture, was also in attendance.

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PRESIDENT'S REPORT

President William E. Kirwan:

October was an extraordinary month for the university. It began with an impressive, I would almost say inspirational, dedication of Fisher and Gerlach Halls in the new Fisher College of Business complex. In my opinion, this facility has no peers among U.S. business schools. During the dedication ceremonies, Max Fisher and Les Wexner eloquently reminded all of us of the important role public higher education played in their lives. Their remarkable generosity ensures that future generations of students will leave Ohio State prepared for leadership in their careers and in their communities.

It is also exciting to report that the Jerome Schottenstein Center opened two days ago. What a marvel it is. It too has no peers among collegiate arenas in the nation. It is a wonderful example of the public-private partnership. The generosity of the Schottenstein family and others, along with state support, created the margin of excellence to make this remarkable facility.

We not only launched these wonderful new buildings this month, but we also gained momentum in the creation of The John Glenn Institute for Public Service and Public Policy. In one of the great examples of fortuitous timing, The John Glenn Institute for Public Service and Public Policy received heightened interest and visibility during Senator Glenn's space flight. From the PBS broadcast of "An American Hero," to press accounts around the world, Ohio State has been identified as a repository of his papers and as the site of his next mission as professor.

In conjunction with the launch, Space Week on campus highlighted faculty research, provided student activities, and brought youngsters from around the state to the campus. From 4-H to the Byrd Polar Research Center, the spotlight has been shining on space-related activities at Ohio State.

Also highlighted this past month, was Ohio State's Cartoon Research Library and the Cartoon Archive, which is a repository for the collected works of some of our nation's most distinguished cartoonists and satirists. The 1998 Festival of Cartoon Art was a significant academic conference on the history and future of cartoons, held here at Ohio State. The festival featured the Cohn and McDaniel collection of the Art, Artists, and Artifacts of *Mad Magazine*. I don't know how many of you remember reading *Mad Magazine*, but I did in my youth, and I got to see the fabulous cartoons from *Mad Magazine*. Our cartoon archive, incidentally, is one of the jewels of the university.

I made my first trip to Ohio State at Marion in October, and I was greatly impressed by the quality of this branch of the university, and the broad base of community support it enjoys. I can assure you that our Marion campus is meeting the needs of its community by providing an impressive range of academic opportunities for its citizens and through significant outreach activities.

PRESIDENT'S REPORT (contd)

President Kirwan: (contd)

I am delighted to announce another point of pride that occurred during October. Professor Terry Miller, Ohio Eminent Scholar in Experimental Physical Chemistry, has been awarded the 1999 Broda Prize, given annually by the American Physical Society to a single individual for exceptional advancements in molecular spectroscopy. You have on today's agenda the creation of a spectroscopy institute. Our strength in this area of intellectual endeavor is due to the international reputation of our faculty, and most especially, the high regard with which Dr. Miller is held. We congratulate Dr. Miller on his singular award.

As I learn more about this university through "new eyes," if you will, I continue to be excited by the energy and ability of my colleagues. I thought it would be appropriate during these reports each month to introduce a member of the faculty who will briefly highlight some aspect of his or her work that is making a difference in the quality of our university.

Today, I am pleased to introduce Professor Weldon Mathews. Some of you met him earlier during the Educational Affairs Committee meeting. Dr. Mathews, Associate Professor and Vice Chair of Undergraduate Studies in the Department of Chemistry, has been at Ohio State since 1967. In a moment, he will tell us about a program he developed that uses technology to assist students in their study of general and organic chemistry. Let me first give you some background.

Some 3,200 students enroll in general chemistry and another 900 take organic chemistry each quarter. That seems like a lot of students and, of course, it is. About 200 degree programs require one or both of these chemistry sequences. Most of these students are taking chemistry not as a major, but as a requirement for something else. And I am sure many of us in this room remember how tough chemistry can be. In fact, it was organic chemistry that made me decide as a doctor I would make a great mathematician.

Dr. Mathews has been involved in the development of web resources that help our students succeed in chemistry. Where were you when I needed you, Dr. Mathews? Dr. Mathews, would you please tell us a little bit about this program.

Dr. Weldon Mathews: [Power Point presentation]

Thank you very much, Dr. Kirwan. What I would like to do right now is to go through what is, in fact, a Power Point presentation. In the earlier session, we had a live presentation over the web so this is going to be snapshots of some of those materials. I strongly encourage you to take a look at the real thing on the web.

When I came here a number of years ago, one of the things that attracted me to Ohio State was the fact that the Department of Chemistry has a strong commitment to teaching on all its levels. From the post-doctoral fellows -- who are preparing to go out and become leaders in the industry -- to the entering freshmen. In 1965, the pre-lab tapes were developed, and you can see the chain of events that has culminated more recently in the development that started in 1995, a world-wide web project.

This is the home page for the Chemistry Department, and I would request that each of you write down that address at the very top. It's not hard to remember. But it is the beginning of the material which is available for us in chemistry, and it will give you a great deal of information about the department.

PRESIDENT'S REPORT (contd)

Dr. Mathews: (contd)

The thing that I will talk about first is the undergraduate page. This information is available for all students taking chemistry, and includes primarily those nearly 4,000 students per quarter that are enrolled in the course because it is satisfying their requirements elsewhere. It also is material that is available for the person who is majoring in chemistry, but we will concentrate on the material available for the students in the first two years.

Among the list of materials which we have, is a list of each of the courses available and their syllabus. There is a wealth of information, including pointers to each of the people who would be involved with the students in the lecture, in the laboratory, and in the recitation. The maps may be available; in fact, those highlighted colors you saw before are active on the web page. You can actually go to a location and, in most cases, find not only the description of the activity, but where it is located.

The point of interest here is Room 160, the Learning Resource Center. You'll see a view of that a little bit later on the videotape. In this case, Dr. Grandinetti is teaching 121. These are courses that certainly I've taught -- the first year and the first quarter cores. Very typically, a lecture will include material which has been given in the lecture, as well as information that will assist the students in working on homework and prepare them for material to be presented later. This is Dr. Grandinetti's version in which he's actually done a very fine job in preparing his lecture notes so that they may be downloaded from the web actively.

The next stage, of course, is to actually prepare the student to start giving the information back. This is the place where the web resources have wound up being very useful. Keep in mind, that these are efforts that began not with me, but, in fact, back in 1965, and most recently with Dr. Ouellette, some 12 years ago, when he started developing what was then called, "computer-assisted instruction."

I am going to concentrate on the two articles at the top, the study questions, quizzes, and tutorials, and also on the educational chemistry. Microchemistry is the first version of the computer-assisted instruction written by Dr. Ouellette and Dr. Tatz and it is available in Room 160. It has some features which are not yet available on the web, but we are actively working on that.

The thing that is available on the web is some 3,000-5,000 questions arranged in a number of different test banks as indicated here, in which the primary topics are arranged. Each of these is an active site that one can go to.

The next location would eventually get you to a test quiz. The quiz would have three questions and they are typical of the kinds of formulation which we often use in our actual examinations. The students can answer questions on these quizzes, submit them for correction, and find out if they've answered the questions properly. If they haven't, they may be able to go to a tutorial, and some of these are indicated here.

This is one of the more adventurous tutorials and is one, I regret, we do not have live, because this is a real flame. The idea here is that we have hydrogen and oxygen molecules being combined in a torch to produce water as that product which is formed. The primary focus is the matter of "balancing," as it's called, chemical reactions. The description which is available here is simply an amplification of the ideas which are involved.

The use of video presentations helps a great deal. That particular product was a result of the funding from the Beta Funds and this was an effort to present a

PRESIDENT'S REPORT (contd)

Dr. Mathews: (contd)

number of tutorials which involve a lot of effort on the part of faculty and graduate students. The graduate students came from the Advanced Computing Center for the Arts and Design. As they leave our area, they are in fact going off to work with Disney and contributing to a lot of other art that we will see. There were some very imaginative categories and ideas that went into it. Dr. Kitagawa-DeLeon is a faculty member in that department; Dr. Sherwin Singer is the faculty member in our own department.

The educational resources also include information for the electronic flash cards. This was prepared by Dr. Lowary and Dr. Hadad, with the help of a number of other people within the department. The idea is exactly the same, but the delivery is somewhat different because of the nature of the material. In this case, the quizzes are presented in the form of a question. The first part of the flash card would include this information, and the student would be expected to provide what the answer is as a result of a reaction of this material. As you can see, the options are at the bottom, and, in this case, we have already gotten the answer, it's here. In some places there will also be additional information which may be provided.

Dr. Hadad also provides his lecture notes, and these are available in a number of formats. When you look at those, they may be something of this type; things that if you copied down in the laboratory or the lecture class would actually take a great deal of time.

In closing, I would like to thank a number of people who have been helpful in producing this, and also the resources which have been available to us. Also, the level of continuity which I have been able to enjoy in the Department of Chemistry is certainly something we would like to look forward to, and the matter of having adequate resources and devising adequate rewards is one of the things that we need.

Thank you.

President Kirwan:

Dr. Mathews, thank you very much. I think you deserve a round of applause. I just want to say, Dr. Mathews, that I hope everyone can appreciate what a phenomenal resource this is for our students, what an incredible learning tool that you and your colleagues have created, and the effort required by so many faculty and staff to put this together. It is a great service to our students. We just want you to know how much we appreciate what you've done.

Mr. Chairman, there is one thing I would like to go back and touch on. When I mentioned earlier that Professor Terry Miller, Ohio Eminent Scholar, received the Broda Prize, I didn't realize that he was in the room, so I would like to recognize him.

But before I ask him to stand up, I just want to go back and be sure that everybody understands the magnitude of an award like this, because every university in the United States has a chemistry department. Chemistry is a fundamental discipline. Every chemistry department has experts in physical chemistry, because it is the building block of the discipline.

To win a prize like this, you're in competition with Harvard, which has physical chemistry, and with Stanford, which has physical chemistry. You name the university, they have eminent scholars working in physical chemistry. We have a

PRESIDENT'S REPORT (contd)

President Kirwan: (contd)

person that was selected among all the universities in the United States to win this award. It's a very special thing, and I would like Terry Miller to stand so we can congratulate him.

Mr. Chairman, that concludes my report.

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PRESENTATION ON DISTANCE LEARNING AND TECHNOLOGY IN THE CLASSROOM

Mr. Celeste:

Dr. Mathews' comments certainly lead nicely into our presentation of "Distance Learning and Technology in the Classroom" this morning. Some of us sat in on the Educational Affairs Committee meeting and heard some of these remarks earlier. I would like at this time to call on Dr. Jim Davis, Associate Provost and Director of University Technology Services, for this presentation.

Dr. James F. Davis: [Power Point presentation]

We continue with the theme of technology in the classroom. I wanted to start with this slide to emphasize the terminology that we are using at Ohio State University, namely Technology Enhanced Learning and Research, to indicate that we are looking at a full complement of activities relative to learning and research. While we focus a great deal on distance learning, distance learning is a subset of a much broader group.

I have organized the format for this short presentation around five questions that I get often, and I hope I can provide some direct answers and put some of these questions to rest. I will go through these one at a time.

The first question is, "OSU is active in TELR, isn't it?" I worded it that way because I often get that question, and this is one I would indeed like to put to rest. I would like to carry you through a video tape that takes you across seven additional activities, of which one you heard already from Weldon Mathews.

[Video presentation]

I hope with this tape, that you get a pretty good sense that Ohio State is very much engaged in technology-enhanced learning and research. Again, these are seven examples across 100 distance education courses and approximately 2,000 courses that are web-enhanced on the campus itself.

To make all this happen, we have identified what we call five necessary support areas: 1) access; 2) the ability to get into the OSU internet; 3) the media centers; 4) the ability to deliver; and 5) the delivery services, which have to do with grades, admission, registration, and so forth that make all of this possible.

At the forefront, however, we must concentrate on content and presence. The content is what programs are in place and how do we encourage faculty to get involved with the technology and move forward with it. We put these arrows here to indicate that content and presence go hand-in-hand. As we develop more content, we get more presence and vice-versa.

**PRESENTATION ON DISTANCE LEARNING
AND TECHNOLOGY IN THE CLASSROOM (contd)**

Dr. Davis: (contd)

In 1995, I presented to the Board where we were with technology-enhanced learning and research, and that is indicated in the red bars on this particular graph. Since that time, the blue indicates the progress that we have made in terms of building capacity up in these five areas. I would encourage you to dwell just a moment on some of the numbers that occur in each of these areas, so that you can get a very good feel for the scale that exists at Ohio State.

If we take a look at access, there are 10,000 dorm connections and 65,000 e-mail connections. If we look at the media centers, there are seven interactive video sites, 3,500 laboratory seats, and 85 lecture rooms, with 24 hours-a-day, seven days-a-week delivery. With respect to delivery services, this past year, we were ranked by Yahoo's national survey the 29th "Most Wired Campus," and "wired" means networked. What is significant about this is that the survey dwells on student services, and this really does speak to the kinds of services that are put forward to help the students move forward and encourage their experience here at Ohio State. Our tech support center is now approaching 100,000 calls in an academic year.

With respect to content and presence, as we mentioned earlier in the Educational Affairs Committee, we have now distributed about \$3 million in grants, and these have been matched by another \$1 million from the colleges. These are serving to move us forward in a number of classes. We have a policy in place now, "Faculty Tools, Best Practices," all encouraging technology transfer and getting the faculty brought up to speed.

One of the things that is significant with the presence is with the OSU web page -- it is now getting 100 million hits per day and we're tapping into that as a way of bringing up the presence of the courses. We're also continuing to work very closely with consortia.

One of the questions we're asked is, "Does OSU have a technology-enhanced research agenda?" Three years ago, I reported what's in the boxes. We have maintained this agenda throughout this time period, focusing on our on-campus students with technology-enhanced learning and experience, and skills for our on-campus students. We're focusing on increased availability and scheduling flexibility for our students, both on campus and distance; we have a very strong effort now moving forward in work force training and professional development; and, as a research institution, we need to consider shared research activities. As I indicate on the right-hand side, we have a number of specific activities where resources are now being targeted.

This past summer, we commissioned a marketing firm to do some benchmarking as to: "What exactly does distance education mean across a number of institutions?" and "Where does OSU stand?" There are many, many different elements in the report, so I am picking only two of them in the short presentation, but you can see a couple of things.

We are taking a look at the number of courses, and we can see that there is a wide range of courses relative to distance education.

One of things that was noted is all of these institutions that are boxed are those institutions which are marketing their courses, however large, very aggressively. You can see that -- and one of the things the report brings out -- the term "leader" on a national basis is much more strongly correlated with how strongly the courses

**PRESENTATION ON DISTANCE LEARNING
AND TECHNOLOGY IN THE CLASSROOM (contd)**

Dr. Davis: (contd)

are being marketed, than they are with how many courses there are or what the quality of those courses is.

One of the things that this also brings out is that OSU is -- the term we've been using -- a "fast follower." It is in a group that is well positioned and very actively engaged.

We are obviously not marketing -- and it's something that we should be doing -- but nevertheless, we are well positioned and can move forward. There are clearly leaders in the form of Penn State, Indiana, and California Virtual, at least with regard to this particular survey.

What is the University commitment? As we look over the past three years in terms of what we've done -- both in technology-enhanced education, in particular for our on-campus students, as well as in distance education -- you can see the growth from 40 courses in 1995 to about 100 now. In distance education, we've gone from 500 to 2,000 in terms of electronically-enhanced classes on the campus. Our capacity -- when we pull together all the elements: resources, incentives, and just general institutional wherewithal -- is to grow about 5 percent in the general technology-enhanced education arena, and about 20 courses per year in the distance education arena.

That brings several questions forward. One of the things that came out of the survey is, that as I stated a moment ago, Ohio State is a fast-follower in distance education, and the question is, "How can we leverage that point?" Most importantly, we took a look at what are considered to be the critical success factors of those leading institutions that are marketing and have substance behind them -- in particular, Penn State, Indiana, and California Virtual -- and it was very clear that there are three elements.

One is the strategic integration of technology-enhanced learning and research into the overall fabric of the institution. Faculty must be actively engaged, faculty must be integrated into the overall enterprise, and one must go forward with a very clear view of the economic viability of each of these programs. So I have indicated a decision point because, from Ohio State's standpoint, we have grown a great deal. We put the resources and technology in place. We no longer have technology bottlenecks.

Our question now is, as an institution, "How do we now move forward with a strategic and faculty integration, along with this economic viability?" This is the subject that I've been working on very closely with President Kirwan, Provost Ray, and the Dean's Learning Technology Council.

We believe that this is the essential ingredient now for us to get into a capacity where we think we need to be, which is to get into the 5 percent of our 10,000 courses for technology-enhanced education. We need to get into the range of 100 distance education courses per year, to put ourselves in an appropriate leadership position over the next two years, and also to keep up with what the other institutions are doing, in particular our peer institutions.

So with that, I would like to close. I hope that gives you a perspective on the enterprise. I also would like to indicate that two faculty members and two students, who appeared on the video tape, are here and can answer questions. The faculty members are: Weldon Mathews, who you met earlier; and Alan Escovitz, from the

**PRESENTATION ON DISTANCE LEARNING
AND TECHNOLOGY IN THE CLASSROOM (contd)**

Dr. Davis: (contd)

College of Pharmacy. And the students are: Alex Aducci, from the College of Education, and Gail Hollowell, from the College of Pharmacy.

Mr. Celeste:

Thank you, Jim. That was a nice presentation; we appreciate it. Are there questions of Jim or any of the other participants from members of the Board?

Mr. Brennan:

I didn't see a reference on the progress to degree programs. You say certificate programs, but are degree programs intended to be one of the by-products of this activity?

Dr. Davis:

Yes. The reason I didn't make an explicit reference is because we see the two so closely interlinked. If you develop a degree program, these can often be rolled out as a continuing education program. If you develop a continuing education program, it is feeding right back into the degree program. So, they're ultimately one and the same.

Mr. Brennan:

The only reason I mention that is, my impression is on building what Phoenix does. The market for degree programs with a certain physical presence at various places is quite substantial, and they pay a lot of money for those courses.

Dr. Davis:

That's right. So the emphasis is embedded in those comments and in those slides, but it's very much on degree programs. I should mention also, and I've mentioned this before, we are very actively engaged in a consortium called LearnShare. There are fifteen *Fortune 500* companies with a very strong interest in the degree programs being rolled out to their 3 million employees world-wide.

Mr. Celeste:

Any questions? Thank you very much, Jim.

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CONSENT AGENDA

President Kirwan:

We have thirteen resolutions to present to the Board for approval today and unless there are any objections, I would like to recommend the following:

UNIVERSITY HOSPITALS BOARD APPOINTMENT

Resolution No. 99-45

Synopsis: Approval of an appointment to the University Hospitals Board is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS the following appointment to the Hospitals Board is hereby recommended:

David P. Lauer, effective November 1, 1998 - April 30, 2000

NOW THEREFORE

BE IT RESOLVED, That the above appointment of a general public member to the University Hospitals Board be approved.

REGIONAL CAMPUS BOARD REAPPOINTMENT

Resolution No. 99-46

Synopsis: Approval of a reappointment to The Ohio State University-Lima Campus Board is proposed.

WHEREAS the Board of Trustees on July 8, 1994, approved the establishment of The Ohio State University-Lima Board; and

WHEREAS it has been previously stipulated that "the board shall be composed of eleven members appointed by The Ohio State University Board of Trustees in consultation with the president of the university" (one member of the board shall be a member of the university board of trustees; nine members shall be private citizens; and one member shall be a student); and

WHEREAS the following named person has been nominated and selected for reappointment to the Lima Regional Campus Board for the term as specified:

Lima Board Reappointments

Thomas M. Francis, 3-year term

NOW THEREFORE

BE IT RESOLVED, That the foregoing nominee be approved as a member of The Ohio State University-Lima Board, effective July 1, 1998.

CREATION OF A SPECTROSCOPY INSTITUTE

Resolution No. 99-47

Synopsis: Approval of the creation of a spectroscopy institute is proposed.

CREATION OF A SPECTROSCOPY INSTITUTE (contd)

WHEREAS research in spectroscopy would be facilitated by the proposed institute; and

WHEREAS it would facilitate and enhance continuing cooperation among a multidisciplinary group of scholars already actively engaged in productive research in the field; and

WHEREAS the quality of graduate student research experiences in spectroscopy and related fields would be enhanced; and

WHEREAS this proposal satisfies the guidelines for the establishment of academic centers and institutes, including requirements for appropriate consultative processes, oversight, and evaluation; and

WHEREAS investment of University funds for the proposed institute has been endorsed by the Dean of the College of Mathematical and Physical Sciences and the Office of Research; and

WHEREAS the proposed institute was discussed and approved by the Council on Academic Affairs, and was approved by the University Senate at its September 26, 1998 meeting:

NOW THEREFORE

BE IT RESOLVED, That the above creation of the Spectroscopy Institute is hereby approved, effective immediately.

PERSONNEL ACTIONS

Resolution No. 99-48

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 2, 1998 meeting of the Board, including the following Appointment, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget be approved and the Medical Staff Appointments/Reappointments (The Ohio State University Medical Center) approved September 24, 1998, by the Hospitals Board be ratified.

Appointment

Name: YANG LIU
Title: Professor (The Ralph W. and Helen Kurtz Chair in Pathology)
Department: Pathology
Effective: September 1, 1998
Present Position: Associate Professor, Division of Immunology, Department of Pathology, New York University Medical Center, New York, NY

Leaves of Absence Without Salary

LEIGH GILMORE, Associate Professor, Department of English, effective Spring Quarter 1999, for personal reasons.

RENEE J. MILLER, Assistant Professor, Department of Computer and Information Science, effective Autumn Quarter 1998, Winter and Spring 1999, for personal reasons.

Leaves of Absence Without Salary--Continuation

DANIEL C. K. CHOW, Professor, College of Law, effective August 16, 1998 through August 15, 1999, to continue his work as a senior lawyer for Proctor and Gamble's China operations.

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary--Continuation (contd)

TIM C. OPLER, Assistant Professor, Department of Finance, effective Autumn Quarter 1998, Winter Quarter and Spring Quarter 1999, to continue working in New York in the corporate financial services sector.

Professional Improvement Leaves

VASSILIOS LAMBROPOULOS, Professor, Department of Greek and Latin, effective Spring Quarter 1999.

YU-PING CHIN, Associate Professor, Department of Geological Sciences, effective Winter Quarter and Spring Quarter 1999.

SHELLEY FENNO QUINN, Associate Professor, Department of East Asian Languages and Literatures, effective Spring Quarter and Autumn Quarter 1999, and Winter Quarter 2000.

Medical Staff Appointments and Reappointments (The Ohio State University Medical Center)

August 1998

Kerri S. Benjamin-Brandt, D.D.S.	General Denistry	PGY1 Limited	7/1/98 - 6/30/99
Loretta A. Campbell, M.D.	Radiology	PGY5 Limited	7/1/98 - 6/30/99
Jeffrey S. Castel, D.D.S.	General Dentistry	PGY1 Limited	7/1/98 - 6/30/99
Francesco Catania, M.D.	Gen Obstetrics/Gyn	PGY2 Limited	7/1/98 - 6/30/99
Susan L. Chang, M.D.	General Medicine	PGY2 Limited	7/1/98 - 6/30/99
Timothy J. Custer, M.D.	Transplant	PGY3 Limited	8/1/98 - 9/30/98
Douglas R. Dreffer, M.D.	Obstetrics/Gynecology	PGY2 Limited	9/21/98 - 10/19/98
Herbert R. Estis Jr., M.D.	Family Medicine	Courtesy	7/1/98 - 6/30/99
Angela B. Gantt, M.D.	Gen Obstetrics/Gyn	PGY1 Limited	7/1/98 - 6/30/99
James P. Gerard, M.D.	Emergency Medicine	PGY1 Limited	7/1/98 - 6/30/99
David Keith Groen, M.D.	Family Medicine	Community Aff	7/1/98 - 6/30/99
Alesia J. Johnson, D.D.S.	General Dentistry	PGY1 Limited	7/1/98 - 6/30/99
Melinda M. Johnston, P.A.	Thoracic/Cardio Surg	Physician Extender	7/1/98 - 6/30/99
Gordon Y. Kim, M.D.	Dermatology	PGY1 Limited	7/1/98 - 6/30/00
Steven S. Lee, D.D.S.	General Dentistry	PGY2 Limited	7/1/98 - 6/30/99
Jennifer Regan Lods, M.D.	Gen Obstetrics/Gyn	Courtesy	7/10/98 - 6/30/99
David K. Magnusen, M.D.	Phys Med & Rehab	PGY2 Limited	7/1/98 - 6/30/00
Sanjeeuan Maheswaran, D.D.S.	General Dentistry	PGY1 Limited	7/1/98 - 6/30/00
Thomas F. Mauger, M.D.	Ophthalmology	Attending	7/1/98 - 6/30/00
Diane W. McCarthy, M.D.	Pediatric Surgery	PGY6 Limited	7/1/98 - 6/30/00
MaryEllen K. Mccullough, M.D.	Hematology/Oncology	PGY4 Limited	9/1/98 - 6/30/00
Asma Mobin-Uddin, M.D.	Pediatrics	Courtesy	7/1/98 - 6/30/00
Anne E. Morgan-Marshall, D.D.S.	Oral/Maxillofacial Surg	PGY1 Limited	7/1/98 - 6/30/00
Julie R. Namanworth, D.M.D.	Oral/Maxillofacial Surg	PGY1 Limited	7/1/98 - 6/30/00
Craig A. Nankervis, M.D.	Pediatrics	Attending	7/1/98 - 6/30/00
Gregory M. Ness, D.D.S.	Dentistry	Attending	7/1/98 - 6/30/00
M. Sue O'Dorisio, M.D.	Pediatrics	Attending	7/1/98 - 6/30/00
Nathan J. O'Dorisio, M.D.	General Medicine	PGY1 Limited	7/1/98 - 6/30/00
Francine M. Oelrich, M.D.	Phys Med & Rehab	PGY1 Limited	7/1/98 - 6/30/00
Greg L. Offenburger, D.D.S.	Dentistry	Attending	7/1/98 - 6/30/00
John F. O'Leary, M.D.	Orth Surgery	Attending	7/14/98 - 6/30/00
Terry D. Olejko, D.D.S.	Dentistry	Courtesy	7/1/98 - 6/30/00
Mary E. Osterlund, M.D.	Emergency Medicine	PGY1 Limited	7/1/98 - 6/30/00
Gregory Alan Otterson, M.D.	Hematology/Oncology	Attending	7/13/98 - 6/30/00
Stephen F. Pariser, M.D.	Obstetrics/Gynecology	Attending	7/1/98 - 6/30/00
Larry J. Peterson, D.D.S.	Dentistry	Attending	7/1/98 - 6/30/00

PERSONNEL ACTIONS (contd)

Medical Staff Appointments and Reappointments (The Ohio State University Medical Center) (contd)

August 1998 (contd)

Gary L. Racey, D.D.S.	Dentistry	Attending	7/1/98 - 6/30/00
Richard B. Reid, D.D.S.	General Dentistry	PGY1 Limited	7/1/98 - 6/30/00
Randall James Reilman, M.D.	Diagnostic Radiology	PGY5 Limited	7/1/98 - 6/30/00
Ann M. Rogers, M.D.	Pediatrics	Courtesy	7/1/98 - 6/30/00
Mary M. Rowan, C.N.M., Ph.D.	Obstetrics/Gynecology	Physician Extender	7/1/98 - 6/30/99
Richard E. Scheetz, Jr., D.D.S.	Dentistry	Courtesy	7/1/98 - 6/30/00
Hamideh Shamsai, D.D.S.	General Dentistry	PGY1 Limited	7/1/98 - 6/30/00
Paul E. Shoaps, M.D.	General Medicine	PGY1 Limited	7/1/98 - 6/30/00
Bushra Siddiqi, M.D.	General Psychiatry	PGY1 Limited	7/1/98 - 6/30/00
David A. Smeltzer, D.D.S.	Dentistry	PGY3 Limited	7/1/98 - 6/30/00
Anand V. Soni, D.D.S.	General Dentistry	PGY1 Limited	7/1/98 - 6/30/00
Eric A. Stine, D.D.S.	Oral/Max Surgery	PGY1 Limited	7/1/98 - 6/30/00
Rebecca M. Striet, M.D.	Phys Med & Rehab	PGY2 Limited	7/1/98 - 6/30/00
Craig R. Thompson, M.D.	Pediatrics	Courtesy	7/1/98 - 6/30/00
Marlin F. Troiano, D.D.S.	Dentistry	Attending	7/1/98 - 6/30/00
Timothy S. Troiano, D.D.S.	Dentistry	Attending	7/1/98 - 6/30/00
Bradley G. Van Hoose, D.D.S.	Oral/Max Surgery	PGY1 Limited	7/1/98 - 6/30/00
Kuldeep K. Vaswani, M.D., Ph.D.	Diagnostic Radiology	Attending	7/1/98 - 6/30/00
David A. Waack, D.D.S.	Dentistry	PGY2 Limited	7/1/98 - 6/30/00
Diana T. Wagner, M.D.	Pediatrics	Courtesy	7/1/98 - 6/30/00
Patrick M. Wall, M.D.	Pediatrics	Courtesy	7/1/98 - 6/30/00
Douglas W. Wallace, D.D.S.	Dentistry	Courtesy	7/1/98 - 6/30/00
Dajie Wang, M.D.	Anesthesiology	PGY2 Limited	7/1/98 - 6/30/00
John J. Young, M.D.	Internal Medicine	PGY7 Limited	7/1/98 - 6/30/00

Emeritus Titles

MARGARET G. HERMANN, Department of Political Science, with the title Professor Emeritus, effective October 1, 1998.

WILLIAM F. LYON, Department of Entomology, with the title Professor Emeritus, effective August 1, 1998.

LARRY C. AULT, Ohio State University Extension, with the title Associate Professor Emeritus, effective October 1, 1998.

HENRY M. BARTHOLOMEW, Ohio State University Extension, with the title Associate Professor Emeritus, effective October 1, 1998.

KEITH DEVOE, JR., Department of Obstetrics and Gynecology, with the title Clinical Professor Emeritus, effective November 1, 1998.

RESOLUTION IN MEMORIAM

Resolution No. 99-49

Synopsis: Approval of a Resolution in Memoriam for Gordon J. Ryder is proposed.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

RESOLUTION IN MEMORIAM (contd)

Gordon J. Ryder

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 14, 1998, of Dr. Gordon J. Ryder, Professor Emeritus in the Department of Agronomy (now the Department of Horticulture and Crop Science).

Dr. Ryder was a native of Ohio and was raised in Delaware County and farmed there prior to entering college in 1937. He graduated with a B.S. in Agricultural Engineering in 1942 from The Ohio State University. Dr. Ryder served as an officer in the field artillery in the European theater for four years and was discharged as a Captain.

After returning to The Ohio State University for some graduate work, Gordon Ryder taught vocational agriculture for five and one-half years during which time he received his M.S. degree (1948). Dr. Ryder returned to The Ohio State University in 1952 on a Ford Foundation scholarship to complete the work toward his Ph.D. which he received in 1954.

From 1954 to 1965, Gordon Ryder served as Extension Agronomist in corn production and as the District Supervisor in the Cooperative Extension Service from 1965 to 1969. Following that, he was an Extension Agronomist in soybeans and crop improvement. Upon his retirement in 1980, he was appointed Professor Emeritus.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Gordon J. Ryder its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as an expression of the Board's heartfelt sympathy.

REPORT OF RESEARCH CONTRACTS AND GRANTS

Resolution No. 99-50

Synopsis: The reports on research and other sponsored program contracts and grants and the summary for September 1998 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, and other agencies in support of research, instructional activities, and service; and

WHEREAS such monies are received through The Ohio State University Research Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein during the month of September 1998 be approved.

REPORT ON UNIVERSITY DEVELOPMENT

Resolution No. 99-51

Synopsis: The report on the receipt of gifts and the summary for September 1998 are presented for Board acceptance.

REPORT ON UNIVERSITY DEVELOPMENT (contd)

WHEREAS monies are solicited and received on behalf of the University from alumni, industry, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Development Fund and The Ohio State University Foundation; and

WHEREAS this report includes the establishment of six (6) new named endowed funds:

NOW THEREFORE

BE IT RESOLVED, That the acceptance of the report from The Ohio State University Development Fund and The Ohio State University Foundation during the month of September 1998 be approved.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

TOTAL UNIVERSITY PRIVATE SUPPORT

July-September
1997 Compared to 1998

GIFT RECEIPTS BY DONOR TYPE

		Dollars July through September	
	<u>1997</u>	<u>1998</u>	<u>% Change</u>
Individuals:			
Alumni (Current Giving)	\$ 2,008,945	\$11,342,458	465%
Alumni (From Bequests)	<u>1,454,929</u>	<u>343,420</u>	-76%
Alumni Total	\$ 3,463,874	\$11,685,878	237%
Non-Alumni (Current Giving)	\$ 1,400,691	\$ 1,602,812	14%
Non-Alumni (From Bequests)	<u>524,131</u>	<u>554,483</u>	6%
Non-Alumni Total	\$ 1,924,822	\$ 2,157,295	12%
Individual Total	\$ 5,388,696	\$13,843,173	157% ^A
Corporations/Corp. Foundations	\$ 6,979,329	\$ 7,107,702	2%
Private Foundations	\$ 1,394,981	\$ 1,639,933	18% ^B
Associations & Other Organizations	\$ <u>549,545</u>	\$ <u>569,076</u>	4%
Total	\$14,312,551	\$23,159,884	62%

July-September
1997 Compared to 1998

GIFT RECEIPTS BY DONOR TYPE

NOTES

A Individual giving is up 157% largely due to one gift totaling more than \$9 million which occurred during August, 1998

B Foundation giving at the \$10,000 or more level is up 14% for the first quarter of the fiscal year (\$1.2 million from 28 gifts last year; \$1.4 million from 37 gifts this year).

REPORT ON UNIVERSITY DEVELOPMENT (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

TOTAL UNIVERSITY PRIVATE SUPPORT (contd)

July-September (contd)
1997 Compared to 1998 (contd)

GIFT RECEIPTS BY PURPOSE

	Dollars July through September		
	<u>1997</u>	<u>1998</u>	<u>% Change</u>
Gift Receipts to Current Use & Endowment Funds:			
Buildings/Equipment	\$ 1,337,642	\$ 9,059,014	557
Faculty Support	\$ 3,202,509	\$ 1,405,056	-56
Program Support	\$ 6,117,416	\$ 9,013,191	47
Student Financial Aid	\$ 2,181,665	\$ 2,033,950	-7
Annual Funds-Colleges/Departments	\$ 1,342,566	\$ 1,497,874	12
Annual Funds-University	\$ <u>90,753</u>	\$ <u>150,799</u>	66
Total	\$14,312,551	\$23,159,884	62

GIFT ADDITIONS TO ENDOWMENT

	Dollars July through September		
	<u>1997</u>	<u>1998</u>	<u>%</u>
<u>Change</u>			
	\$ 5,385,131	\$12,315,108	129

REPORT ON UNIVERSITY DEVELOPMENT (contd)

THE OHIO STATE UNIVERSITY FOUNDATION

	<u>Previous Gifts</u>	<u>Current Gifts</u>	<u>Total Gifts</u>
<u>Establishment of Endowed Funds</u>			
The Borden Foundation Endowment for Children (Support for children's programs at the Comprehensive Cancer Center - Arthur G. James Cancer Hospital and Research Institute provided by a gift from The Borden Foundation of Columbus, Ohio)		\$302,508.00	\$302,508.00
The Fred D Augsburger Mechanical Engineering Scholarship Fund (Scholarships - College of Engineering - provided by a gift from William F. Augsburger to honor his father Fred D Augsburger)		\$27,500.00	\$27,500.00
The Huff Family Scholarship Fund (Scholarships - Department of Athletics - provided by gifts from the Huff Family, Mason, Ohio)		\$25,000.00	\$25,000.00
The H. Gordon Hullfish Memorial Scholarship Fund (Assistance for doctoral candidates - College of Education - provided with gifts from Joan Hullfish Bailey and the estate of Lucile Hullfish to honor the late Professor H. Gordon Hullfish)		\$25,000.00	\$25,000.00
The Up On The Roof Cancer Genetics Endowment Fund (Support of cancer genetics research at the Comprehensive Cancer Center - Arthur G. James Cancer Hospital and Research Institute - provided by a gift from the Arthur G. James Hospital and Research Foundation Board)		\$25,000.00	\$25,000.00
The Summit County Alumni Scholars Fund (Scholarships for Summit County high school graduates - provided by gifts from The Ohio State University Alumni Club of Summit County, its members and friends)	\$15,155.00		\$15,155.00
Total	<u>\$15,155.00</u>	<u>\$405,008.00</u>	<u>\$420,163.00</u>

REPORT ON UNIVERSITY DEVELOPMENT (contd)

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

ESTABLISHMENT OF NAMED ENDOWED FUNDS

The Borden Foundation Endowment for Children

The Borden Foundation Endowment for Children at the Comprehensive Cancer Center - The Arthur G. James Cancer Hospital and Research Institute was established November 6, 1998, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with a gift from The Borden Foundation of Columbus, Ohio.

All gifts are to be invested by the Foundation, under the rules and regulations adopted by the Foundation's Board of Directors, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support children's programs at the Comprehensive Cancer Center - The Arthur G. James Cancer Hospital and Research Institute at The Ohio State University. Children's programs include, but are not limited to: Balloon Brigade; Kids Can Cope, Too; Good Grief; Care Bears & Comfort Robes; School Nurses as Advocates for Cancer Control; Science in the Cinema; anti-tobacco use education, e.g. *Lost in Smoke*; and family housing. Utilization of funds shall be approved by the Director of The Arthur G. James Cancer Hospital and Research Institute, and the Director of the Comprehensive Cancer Center, in consultation with the Vice President for Health Sciences. Any unused income shall be returned to the principal of this fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Foundation Board in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute, the Director of the Comprehensive Cancer Center, and the Vice President for Health Sciences in order to carry out the desire of the donor.

\$302,508.00

The Fred D Augsburger Mechanical Engineering Scholarship Fund

The Fred D Augsburger Mechanical Engineering Scholarship Fund was established November 6, 1998, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with a gift from William F. Augsburger (B.M.E. '61) in honor of his late father, Fred D Augsburger.

All gifts are to be invested by the Foundation, under the rules and regulations adopted by the Foundation's Board of Directors, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used by the Department of Mechanical Engineering to support deserving undergraduate Mechanical Engineering majors who are graduates of an Ohio high school and who have completed their sophomore year at the University. Students selected as Fred D Augsburger Scholars will have demonstrated academic abilities, yet have grade point averages below the top 10% for Mechanical Engineering undergraduates. Fred D Augsburger Scholars will be eligible for renewal pending review of their academic progress. The Chairperson of the Department of Mechanical Engineering will be responsible for administering these scholarships in consultation with the University Committee on Student Financial Aid.

REPORT ON UNIVERSITY DEVELOPMENT (contd)

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

ESTABLISHMENT OF NAMED ENDOWED FUNDS (contd)

The Fred D Augsburger Mechanical Engineering Scholarship Fund (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Foundation Board in consultation with the appropriate college dean, school director, department chairperson, or program administrative officer in order to carry out the desire of the donor.

\$27,500.00

The Huff Family Scholarship Fund

The Huff Family Scholarship Fund in honor of Jack Smith (Varsity Football 1932-35) was established November 6, 1998, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with gifts from The Huff Family of Mason, Ohio.

All gifts are to be invested by the Foundation, under the rules and regulations adopted by the Foundation's Board of Directors, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement student-athlete grant-in-aid scholarship costs of a student athlete participating in football at The Ohio State University. Scholarship recipients will be selected in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Foundation Board as recommended by the Director of Athletics in order to carry out the desire of the donors.

\$25,000.00

The H. Gordon Hullfish Memorial Scholarship Fund

The H. Gordon Hullfish Memorial Scholarship Fund was established November 6, 1998, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with gifts from the estate of Lucile D. Hullfish and Joan Hullfish Bailey (B.S.Ed. '53). Professor H. Gordon Hullfish (M.A. 1922, Ph.D. 1924) taught in the College of Education from 1922 until his death in 1962. He was one of the first recipients of the Alumni Award for Distinguished Teaching and was an inaugural member of the College of Education Hall of Fame. He was a prolific author and editor, an outstanding teacher, and an educational leader.

All gifts are to be invested by the Foundation, under the rules and regulations adopted by the Foundation's Board of Directors, with the right to invest and reinvest as occasion dictates.

The annual income shall provide assistance to doctoral candidates in the College of Education whose major field of study is the philosophy of education.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Foundation Board in consultation with the Dean of the College of Education in order to carry out the desire of the donors.

\$25,000.00

REPORT ON UNIVERSITY DEVELOPMENT (contd)

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

ESTABLISHMENT OF NAMED ENDOWED FUNDS (contd)

Up On The Roof Cancer Genetics Endowment Fund

The Up On The Roof Cancer Genetics Endowment Fund was established November 6, 1998, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with a gift from The Arthur G. James Hospital and Research Foundation Board.

All gifts are to be invested by the Foundation, under the rules and regulations adopted by the Foundation's Board of Directors, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer genetics research at the Comprehensive Cancer Center - The Arthur G. James Cancer Hospital and Research Institute at The Ohio State University as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Sciences. Any unused income shall be returned to the principal of this fund.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Foundation Board in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute, the Director of the Comprehensive Cancer Center, and the Vice President for Health Sciences in order to carry out the desire of the donor.

\$25,000.00

Summit County Alumni Scholars Fund

The Summit County Alumni Scholars Fund was established November 6, 1998, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with gifts designated for support of The Ohio State University from The Ohio State University Alumni Club of Summit County, its members and friends.

All gifts are to be invested by the Foundation, under the rules and regulations adopted by the Foundation's Board of Directors, with the right to invest and reinvest as occasion dictates.

The annual income shall be distributed to the Office of Student Financial Aid to be used to provide academic merit scholarships to students graduating from Summit County high schools with preference for students qualified under the Alumni Scholars Program criteria, ranked and recommended by the Summit County Alumni Club. Scholarship recipients will be selected in consultation with the University Committee on Student Financial Aid. If any unused distributed income remains at the end of a fiscal year, it shall be added to principal.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Foundation Board in consultation with the appropriate college dean, school director, department chairperson, or program administrative officer in order to carry out the desire of the donors.

\$15,155.00
(grandfathered)

WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS

Resolution No. 99-52

July - September 1998

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

WHEREAS the Purchasing Policy of The Ohio State University adopted by the Board of Trustees on September 7, 1984, and revised on February 7, 1992, July 8, 1994, and November 7, 1997, provides that the President and/or the Vice President for Business and Administration, or for the Hospitals of the University and their related facilities, the Associate Vice President for Health Services and Executive Director of University Hospitals, may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of July - September, 1998; and

WHEREAS during the period covered, the Vice President for Business and Administration, at the requests of the departments making the purchases and upon the recommendation of the Purchasing Department, granted 35 waivers of competitive bidding requirements for annual purchases totaling approximately \$4,531,300, as shown on the enclosed exhibit:

WHEREAS during the period covered, the Associate Vice President for Health Services and Executive Director of University Hospitals, at the requests of the Hospitals of the University and their related facilities making purchases, granted 33 waivers of competitive bidding requirements for annual purchases totaling approximately \$21,915,300, as shown on the enclosed exhibit:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of July - September 1998, is hereby accepted.

(See Appendix XVI for background information, page 397.)

SALE OF REAL PROPERTY

Resolution No. 99-53

460 HAVENS CORNERS ROAD
GAHANNA, OHIO 43230

Synopsis: Authorization to sell the improved real property located at 460 Havens Corners Road, Gahanna, Ohio, is proposed.

WHEREAS the Board of Trustees of The Ohio State University owns real property located at 460 Havens Corners Road in Gahanna, Ohio; and

WHEREAS the University Medical Center has determined that this property no longer is needed for, and cannot be operated economically in support of, University Hospitals; and

SALE OF REAL PROPERTY (contd)

460 HAVENS CORNERS ROAD
GAHANNA, OHIO 43230 (contd)

WHEREAS Third Federal Savings and Loan Association of Cleveland has offered to purchase the property for \$425,000.00; and

WHEREAS the net proceeds from the sale of the property shall benefit the University Medical Center; and

WHEREAS the appropriate University offices have determined that the sale of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in the improved real property located at 460 Havens Corners Road to Third Federal Savings and Loan of Cleveland, for \$425,000.00, upon such terms as are deemed to be in the best interest of the University.

(See Appendix XVII for background information and map, page 399.)

PURCHASE OF REAL PROPERTY

Resolution No. 99-54

2104 TULLER STREET
COLUMBUS, OHIO

Synopsis: Authorization to purchase the improved real property at 2104 Tuller Street, in Columbus, Ohio, is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase the improved real property located at 2104 Tuller Street, Columbus, Ohio; and

WHEREAS this property has an appraised value of \$340,000 and the owner the Columbus Foundation, Inc. has offered to sell the property to the University at a price of \$300,000; and

WHEREAS funds for the purchase will be provided by the University's Office of Housing, Food Service, and Events Centers; and

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the improved real property located at 2104 Tuller Street at a price not to exceed \$300,000, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

(See Appendix XVIII for background information and map, page 403.)

AUTHORIZATION TO FUND A CAMPUS PARTNERS INITIATIVE

Resolution No. 99-55

Synopsis: Authorization for the University to loan up to \$2,010,000, plus closing costs, to Campus Partners for temporary funding of the purchase of the property at 1714-1726 North High Street in Columbus, Ohio, is proposed.

WHEREAS previous actions of the Board of Trustees have authorized setting aside up to \$28 million to support Campus Partners initiatives, with \$15 being authorized for release, in accordance with a memorandum of understanding to be approved by the University Oversight Committee, for the purpose of investment in property acquisition for the High Street redevelopment area; and

WHEREAS Campus Partners has been presented with an opportunity to purchase the Newport Theatre, located at 1714-1726 North High Street, at a purchase price of \$2,010,000, with such purchase subject to the terms of the purchase contract, including satisfactory building inspections; and

WHEREAS this property is inside the Campus Partners planning area but outside the proposed initial High Street redevelopment area; and

WHEREAS final decisions regarding funding for this purchase have not been determined, and Campus Partners has requested temporary funding in the event this purchase is completed:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees authorizes the University to loan to Campus Partners, from non General Fund sources, up to \$2,010,000, plus an amount to cover the usual and customary closing costs, for the purpose of purchasing the Newport Theatre, subject to all principal and accrued interest being repaid within 18 months of the date of the loan, and subject to such terms and conditions as are in the best interest of the University, as determined by the Vice President for Finance.

**AUTHORIZATION TO FUND THE OHIO HEALTH ALLIANCE FOR
ADMINISTRATIVE SERVICES ASSOCIATED WITH MEDICARE EXTRA**

Resolution No. 99-56

Synopsis: Approval that The Ohio State University continue to participate in The Ohio Health Alliance for the purpose of offering Medicare Extra and to provide additional capital in the amount of \$1,500,000 is proposed.

WHEREAS the Board of Trustees previously determined that participation of The Ohio State University in a demonstration Medicare managed care program through membership in The OhioHealth Alliance would be advantageous for the Medical Center; and

WHEREAS The Ohio State University Board of Trustees previously authorized the expenditure of up to \$3,941,000 from the University Hospitals funds for the purpose of implementing Medicare Extra; and

WHEREAS The Ohio State University Hospitals Board has recommended additional capital of \$1,500,000 from University Hospitals funds for the purpose of supporting Medicare Extra through calendar year 1998; and

**AUTHORIZATION TO FUND THE OHIO HEALTH ALLIANCE FOR
ADMINISTRATIVE SERVICES ASSOCIATED WITH MEDICARE EXTRA (contd)**

WHEREAS The Ohio State University Hospitals Board has determined that the funds to be used to support this managed care program will be fair consideration for the value and benefits received by the University:

NOW THEREFORE

BE IT RESOLVED, That the University is authorized to provide capital up to \$1,500,000 from University Hospitals funds for the purpose of the continued operation of Medicare Extra through December 31, 1998.

(See Appendix XIX for background information, page 405.)

President Kirwan:

I would like to call on Vice President Ashe to say a few words about the audit report.

Vice President Janet Ashe:

Thank you, Mr. President. We had an extensive discussion of the audit prepared by Deloitte & Touche at a November 3, 1998 meeting of the Fiscal Affairs Committee, and a summary presentation earlier this morning. I would just like to emphasize that: 1) the report is a clean, unqualified opinion; 2) there are several management concerns noted, which the University is preparing responses; and 3) the report notes a reportable condition with respect to our payroll, which resulted from implementation of a new payroll system, and that the University expects that this is to be a unique, one-time occurrence as we complete implementation.

I also want to, again, thank Aletha Shipley, Director of Internal Audit, and Greta Russell, Controller, and their staffs, for their tremendous work in coordinating this effort. If there are any questions, we would be happy to address them.

ACCEPTANCE OF THE REPORT OF AUDIT FOR 1997-98

Resolution No. 99-57

Synopsis: The report of the audit of the financial statements for The Ohio State University for 1997-98 conducted by Deloitte & Touche is recommended for acceptance.

WHEREAS in February 1996, with the approval of the Auditor of State, The Ohio State University entered into a five-year agreement with Deloitte & Touche for an annual audit of the University for fiscal years 1995-96 through 1999-2000; and

WHEREAS the Deloitte & Touche audit of the University for 1997-98, meeting the requirements of the Auditor of State, has been received and the accounts, records, files, and reports of the University have been found to be in satisfactory condition, but certain recommendations have been discussed with the Fiscal Affairs Committee; and

WHEREAS the auditors' recommendations are being studied by the appropriate University offices, and procedures and responses are being developed as a result of the recommendations:

NOW THEREFORE

ACCEPTANCE OF THE REPORT OF AUDIT FOR 1997-98 (contd)

BE IT RESOLVED, That the report of the Deloitte & Touche audit for The Ohio State University for 1997-98, including the report on the audit of the University's financial statements and the summary of significant recommendations to management be accepted.

Upon motion of Mr. Skestos, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolutions by unanimous roll call vote, cast by Messrs. Celeste, Colley, Skestos, Brennan, Patterson, Sofia, and Slane, and Judge Duncan, and Ms. Longaberger.

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PRESENTATION ON SPACE-RELATED RESEARCH

Mr. Celeste:

Often I've heard the expression that our faculty is so good they're out of this world. Well, one of our newest faculty members literally is out of this world, circling the globe as we meet, so this would be an appropriate time to call on Ed Ray to introduce the discussion on space-related research.

Dr. Edward J. Ray:

Thank you, Mr. Chairman. It seems appropriate while one of our newest colleagues, Professor Glenn, is circling the Earth, to have some of our other faculty colleagues talk about our space-related research. I'd like to call on Pat Osmer, Chair of the Department of Astronomy, Ken Jezek, Director of the Byrd Polar Center, and Joel Morrison, Director of the Center of Mapping, to make this presentation.

What I might point out, to give you a little bit of context, is that it is worth noting that there is somewhere on the order of \$20 million in NASA-related research going on at The Ohio State University right now. In terms of the competition, that puts us somewhere in the 15th to 17th position with our work with NASA. So at this point, let me turn this over to Pat, Ken, and Joel.

Dr. Patrick S. Osmer: [Power Point presentation]

Thank you very much, Ed. Mr. Chairman, Mr. President, members of the Board, and vice presidents, it's an honor to be here.

It has certainly been an exciting week for Space Week, starting with the launch of the shuttle and on our side, of course, we are interested in deep space. We began our own efforts with a presentation in the Stadium of the solar system, which was a lot of fun, and reached out to the students and the state.

I want to make the point that space research touches on many things in our national life. We saw the launch, we've talked about education, and I'd like to go through a few of those points today. In particular, as you can imagine, these deep space programs, funded by NASA, are an essential part of modern astronomy and I will elaborate on that in a little bit.

Also, we are very active participants in these programs and I would like to give you some examples on that, not only on what we're doing, but in terms of a proposal we have undertaken. It would be a really major initiative if successful. Of course, we don't know the outcome, but I thought I would mention that as an example of our plans. Indeed, representative of some progress that we have made in the department, and then go on and stress the benefits that these programs do provide to our students and faculty, and to the people of the state.

PRESENTATION ON SPACE-RELATED RESEARCH (contd)

Dr. Osmer: (contd)

We saw that the launch and the shuttle does many things, but the space program, in particular for astronomy, literally provides us with new windows on the universe. There are really two reasons for that. One is that the atmosphere blocks much of the radiation coming in from outer space, which is good -- or we'd have more than a suntan from the sun, we'd be in big trouble with the ultraviolet radiation. But indeed, by observing from space radiation coming in -- x-ray, ultraviolet, infrared -- we've learned many things about the universe that we simply had no idea before, from the violent hot universe to cool regions, where stars and planets are forming today.

With Hubble, and other telescopes that will follow, we get some of the sharpest images of space objects, because from space, the telescopes don't suffer from the blurring of the Earth's atmosphere. Hubble gets some of the widest publicity. We've all seen some of the wonderful pictures from Hubble, it's constantly in the news. In fact, there's an excellent web page I can call to your attention. Among other things that are of interest to me, it has seen the most distant galaxies ever discovered, giving us a chance to really probe back more than 90 percent of the history of the universe.

Perhaps less appreciated is that this is really a national resource. All astronomers in the country, indeed in the world, compete to use Hubble by putting forward their proposals for research programs, and our own faculty has been very successful in gaining access. I will mention an example of that, as one of the benefits of the space programs to campus, in a little bit.

This beautiful image of the telescope in orbit above Earth is sometimes called, "the largest and most complex scientific project ever carried out." A true testament to the ability of NASA and another demonstration of how widely it affects the country and the world.

I just picked out one particular example of research done here by Professor Richard Pogge, who has made use of the Hubble's capabilities in the two areas I mentioned. One taking advantage of the sharp resolution to probe the centers of active galaxies. Galaxies that hold black holes, galaxies that can power quasars and can be some of the most powerful sources of emission in the whole universe. The problem we have in seeing these centers, however, is that their view can be blocked in optical wavelengths by clouds of dust between us and these objects. By using an infrared camera on Hubble, Professor Pogge and his students have been able to penetrate to these very centers and learn more about how these so-called "monsters" -- the black holes in the centers of galaxies -- are being fed, how they're producing this prodigious amount of power.

Let me elaborate briefly on the role of space projects. The research of course is exciting to astronomers and I think to the public, in general, in many areas, but there is much more to it. In fact, the greater part of NASA's efforts go into other areas. Of course we know of that technology department development that ranges from everything from computers and new materials to launch systems, flight controls, instrumentation that benefits not only the space program and science, but the community and the country as a whole. As we've seen -- and as any launch will remind you -- a tremendous industrial effort goes into the space program. Again, there's a partnership between NASA in funding things that not only to produce the projects, but also lead to advances in their technological capability.

Again, NASA does a terrific job on the education side of making all of these results available to everyone in the country and in the world. And through the distance

PRESENTATION ON SPACE-RELATED RESEARCH (contd)

Dr. Osmer: (contd)

learning and the web-based technology as we've been seeing this morning, all of these results are now becoming publicly available.

As already mentioned, NASA provides \$20 million in direct support for research funding at OSU and ranks us somewhere between 15th to 17th among public universities. In our department, we have some 20 active research projects with a total value of about \$2 million. An integral part of our field is observation, but NASA has a broader view of this and also supports the theory and instrumentation projects needed both to develop the equipment and to interpret the results. The research support enables the programs, but provides support for students, provides materials for classes, and, again, all the materials are seen for the public on the web.

At the same time, I want to emphasize that this doesn't make ground base astronomy obsolete. As you know, our major project is indeed on the ground, and the role there is that we can still build bigger telescopes on the ground that are far less expensive than a space operation which is beyond a university capability. For many of the programs, observations can be done perfectly well from the ground, and that it's better to concentrate with space programs on those things that can only be done from space.

I thought I'd mention briefly a major initiative being led by Professor Bradley Peterson from our department. He was asked to lead an effort involving a partnership between the NASA Goddard Space Flight Center -- the spectrum astro, which is a spacecraft provider, the space telescope science institute for operations support -- and COSI, as a public outreach.

This is a proposal in a class of projects called MidEx, as medium explorers that are about \$140 million in total value at a level that we have not heretofore been able to really participate in, but now as an indicator of events in our department, being asked to take lead in this project. This will have tremendous benefits for the campus through the science operations center that would be hosted here if this were approved, the internship opportunities for students that would not only occur in astronomy but could reach out to areas as diverse as engineering and business because of the large measure of this project. There is a specific link with COSI for the educational outreach aspects of the program that would benefit the people of the state.

It would be an exciting satellite that would be built as a new project. It would look at simultaneously x-ray, ultraviolet and optical wavelengths to probe the black holes in the centers of the galaxies, like I showed you earlier, and help teach us more about the regions surrounding these very exotic objects. We don't know, of course, if it will be accepted, but as I say, the potential benefits are great. I did want to make this point that projects like this are part of building a top-ranked astronomy program, that our peer institutions are doing this, and that we hope this is part of the path to our continued development.

Thank you very much for your time. Again, Space Week has shown us all the diverse activities going on, not only in the nation but at OSU. I think it's going to benefit us all. I would like to thank Dave Ferguson for his key role in organizing this. Thank you, Mr. Chairman.

Mr. Celeste:

Thank you. Any questions?

PRESENTATION ON SPACE-RELATED RESEARCH (contd)

Dr. Ken Jezek: [Video presentation]

Space-borne remote sensing of the Earth's polar regions is really revolutionizing our understanding of polar processes and their role in global systems, because remote sensing can provide all-weather, day/night coverage. Photographic images of these very remote and inhospitable locations' research -- with these data by OSU's Byrd Polar Research Center -- is revealing, for the first time, new details about the ice, land, ocean, and atmosphere of the Arctic and Antarctic.

The Radar Antarctic Mapping Project (RAMP) is one example of our application of space-borne technology to look back at our own planet. A collaboration between NASA, the Canadian Space Agency, and the Byrd Polar Research Center, the RAMP objective is to create the first complete, high resolution radar image of Antarctica. And in so doing, complete the radar mapping of Earth, a job completed several years ago now for the planet Venus, which is rather remarkable.

The task of actually acquiring the data was completed about one year ago during a 30-day period which relied on the unique properties of radar to operate day or night and to penetrate pervasive cloud cover characteristic of the polar regions. Previous attempts with a series of more conventional satellites required almost 14 years to acquire suitable data.

Processing of the RAMP data to the final image is ongoing, as researchers grapple with the problem of constructing a digital image spanning an area equivalent to the United States and Mexico combined, and at a resolution about the size of a good-size house. However, a preliminary image displayed over there, has been constructed and it has already proven to be a reservoir of new information about the southern continent.

In comparison with earlier data, the RAMP image demonstrates how the margins of the Antarctic ice sheet are changing, including processes controlling the formation of gigantic tabular icebergs that constitute an important mechanism for returning Antarctic fresh water back to the sea. It captures the dramatic retreat of Antarctic Peninsula ice shelves and the consequent effect on the newly exposed polar ocean.

The image graphically portrays enormous ice streams, hundreds of miles of long rivers of ice that snake through the interior ice sheet. Because ice streams flow at speeds from hundreds of meters to kilometers per year, they represent one process by which the ice sheet can quickly respond to changing climate. There is even information in the image about the rocky Antarctic continent, now buried beneath an ice sheet that is on average about a mile thick.

The short video that I'll show now represents a small portion of the radar image data acquired along a 1,500-mile long portion of the orbit of the satellite.

[Video presentation]

This is sea-ice covered waters of the Ross Sea approaching Franklin Island, which is up north of the Ross Island -- site of the U.S. base -- McMurdo Sound. We're passing now onto the Ross Ice Shelf, rumpled by Byrd Glacier, one of the largest outlet glaciers in the world, and just before reaching the Trans-Antarctic Mountains, we see the alcove of Nimrod Glacier, the Trans-Antarctic Mountains themselves barrier to the interior Antarctic plateau. That's Beardmore Glacier, carved through rock exposing plant and animal fossils hundreds of millions of years old, now reaching deep into the interior of the Antarctic plateau at an elevation of about 2,000 meters. There goes Amason Scott South Pole Station, which in lower part of the image looked very much like a space station seen from space, but looking back towards Earth.

PRESENTATION ON SPACE-RELATED RESEARCH (contd)

Dr. Jezek: (contd)

I'll just let the movie loop around a little bit. These are slightly higher resolution versions of that movie. As I mentioned, that movie is about 2,000 kilometers long, this is about 30-miles wide. Robert Falcon Scott, the ill-fated British explorer who perished on his return journey from the Pole, took about 3 months. The satellite, of course, travelled about 7 kilometers per second and the total acquisition required about 5 minutes of observation.

As you look at that image, I would point out that RAMP really is cutting-edge science and it is a continuing, perhaps more importantly, demonstration of international and, as importantly, interdisciplinary cooperation necessary to achieve new advancement in our understanding of Earth. Information gleaned through that cooperation is helping us to understand how human activity affects even this most remote region of the Earth. In so doing, it may help us appreciate our roles as stewards of this unique continent, and perhaps how to be better stewards of our home planet.

Thank you very much.

Mr. Celeste:

Great, appreciate it. Thank you. Any questions? If not, we'll move right on to the next presentation.

Dr. Joel Morrison: [Power Point presentation]

I'm Joel Morrison, Director of the Center for Mapping.

The Interdisciplinary Center for Mapping was established in 1986, as a NASA center for the commercial development of space in real-time satellite mapping. Make no mistake about it, we were established to help NASA bring the things that were developed to aid their space missions down to Earth and make them available to the citizens who actually have paid for them. We have taken this, and have developed both airborne and Earth-based precision special data capture capabilities.

We are working with the global positioning system, and highly precise cameras, both digital cameras and your conventional cameras, and we have mounted these instrumentations in a van that actually enables us to drive the roads of the state capturing data that is at submeter level accuracy and traveling at normal highway speeds. We will see a picture of the van and I will go through it very quickly when we get this out.

Secondly, we have an airborne system that collects data of a few centimeters' accuracy from low-flying heights. Once again, putting all this equipment in a small aircraft, enabling us to fly distinct missions to collect this data.

The Center has also completed a four-year project in which they oversaw the complete digitization of the USGS quadrangle maps for the State of Ohio into its various geographic layers. This forms an important basis for the continual maintenance and update of the topographic data for this state and should be directly linked with the national spatial data infrastructure which the Federal Geographic Data Committee in Washington, D.C. is building.

The vision for this Center is to integrate these data capture capabilities. There is the van traveling at normal highway speeds with the ability to capture submeter

PRESENTATION ON SPACE-RELATED RESEARCH (contd)

Dr. Morrison: (contd)

level accuracy data. This is the aircraft with some of the instrumentation on board to collect airborne data of very high resolution, centimeter level. This is the project in which we digitized the seven layers of data off the 793, 71/2 minute quadrangles for the State of Ohio, that's available. We are now in the process of trying to integrate these data capture capabilities to a complete process which is totally automated, and that process will begin with the effective and quality data capture and proceed through automated interpretation storage analysis and the communication of the resulting geographic information in multiple possible formats.

At the Center, we work with NASA on many of these projects. Most of those projects I mentioned were funded by NASA. We're also becoming involved with a consortium of universities in Ohio, along with NASA and the USGS in a project that's called Ohio View. This project will result in current satellite imagery of Ohio being made available to every citizen of the state on a routine basis. That means that you'll be able to access the latest coverage from space of whatever area of interest you have.

The Center will focus on the creation of processes which will enable the people of Ohio to readily process and use this data for a variety of purposes, ranging all the way from simply "look, there's my house," to the planning agencies' assessment of a proposed development to the mitigation of natural disasters, like tornadoes and floods. A relatively small investment on behalf of the state, coupled with a much larger investment by the federal agencies of NASA and USGS, is going to enable this Ohio View consortium to make it happen. Of course, the researchers at Ohio State will have the valuable resource available to them as well.

In addition, we are monitoring the national development of the National Spatial Data Infrastructure and are positioning a center to be able to assist local and state governments within Ohio to ensure that data covering Ohio is properly and timely involved. The first part of that is the digitized topographic base, which we have already completed and is part of the NSDI.

In a similar vein, we are monitoring and following the development of the digital Earth project, which was suggested by Vice President Gore and is being implemented by NASA. The Center will be submitting proposals for funding to that project in response to a March 1999 call for proposals. The specific research that we are concentrating on will be the automated extraction and classification of geographic features from satellite remotely-sensed data, the integration of these digital features with auxiliary materials existing in spatial data bases, the three-dimensional visualization of these data, and attention to the overall quality of the data, its processing, and the quality of the final decision that results from using them.

Thank you, Mr. Chairman.

Mr. Celeste:

Thank you very much. Are there any questions? If not, we thank you all for your presentations. We understand that there is some material you brought along that is available to any of the Trustees; there are handouts on the table. We appreciate your time and the presentations that you've made.

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STUDENT RECOGNITION AWARD

Ms. Lowe:

The events of the last few weeks have focused the University's and the community's attention on the Fisher College of Business, its strong reputation, and the tremendous new facilities which will house the College's future growth and success. It seems appropriate then to focus the spotlight on one of the College's best assets -- its students.

Today we recognize Lynn Burks, a senior majoring in business administration, international business, and French. Her nominator recommended Lynn for this award because she is a student of "tremendous poise, determination, and vision, exemplified not only by an already impressive list of work experiences, but also by her understanding of the other component that will help to make her a successful business leader and a successful human being."

Lynn brings extensive and continuing work experience to her studies. Currently, she is the student staff assistant to the Office of Minority Student Services in the College of Business, and completed an internship as a marketing assistant this year. She has also worked as a systems integrity analyst to the Student Loan Marketing Association in Virginia, and is a consultant to several Ohio businesses.

In addition to this appreciation for the workings of American business, she has gained insight into other business practices by spending last summer studying commerce in France. Her international focus extends beyond her major to include service work as a conversation partner for a Korean graduate student.

Lynn has also reached outside of Ohio State to work with inner-city youth at East High School here in Columbus, where she assists students in the preparations for their efficiency exams, and mentors students about their future educational opportunities. Lynn's high academic achievement is matched by her distinctions such as the Pacesetter's Award and membership in several honor societies. Clearly, she represents the best of what the Fisher College can do for Ohio State students and demonstrates how much Ohio State students can do for themselves and for others.

On behalf of the Board and the President, please join me in congratulating Lynn Burks.

Ms. Lynn Burks:

As you can tell, I am an old student. I am a very much non-traditional student. But still I can bring you some of my experiences and let you know how basically a great opportunity it has been to attend Ohio State University.

First of all, I would like to thank the Board, because these are the types of vehicles that are out there that recognize and honor the many personal and academic achievements of the very talented pool of students we have at The Ohio State University. I would also like to accept this award on behalf of the Fisher College of Business faculty and staff. Those are the individuals that have been very instrumental in providing the opportunities, recognizing those opportunities, and also providing an incredible support network.

In learning about these opportunities, as Allyson said, I did have the opportunity to go to France for about six weeks and study, which was tremendous. I have also attended numerous leadership conferences and personal development workshops through various departments such as the Office of Minority Student Services. But,

STUDENT RECOGNITION AWARD (contd)

Ms. Burks: (contd)

most importantly, as Allyson said, it is really about the opportunity to give back to the Ohio State community, as well as the extended community.

I would like to applaud Ohio State on its initiatives to diversity. I think we are among the very few schools that have actually assigned a dean for the educational and professional diversity initiative. I have also been informed that there is compensation to faculty members who demonstrate the importance of diversity by incorporating it into their classrooms. I know that we have a lot of challenges left to deal with many of the diversity issues, but I am very confident that Ohio State will meet those challenges head-on.

Like Allyson said, I am a non-traditional student, I am quite old, but not that old. I have been working for about nine years in the business field. A lot of my time was as a consultant, and I learned that I really needed to supplement and enhance by education. So I decided to come back to school and I chose Ohio State University. I am an international marketing major, and I have been very impressed with the curriculum because, unlike one of the other schools that I attended, Ohio State has incorporated a blend of different tools to teach the students. They've used open-ended discussions, presentations, and, most importantly, they have allowed the text to actually jump out of the book and be applied to real work situations. I think that is the most key and critical skill for students in re-entering the business world.

As we all know, the Fisher College of Business is becoming a very competitive school. I believe we are ranked roughly 17th in the nation, and we are constantly moving up. But I contribute our success to the commitment of Ohio State, the highly accredited faculty members, and a very diverse and talented pool of students, as well as the generous support of our communities. I know that OSU has been the beneficiary of over \$100 million in commitments from our community members such as Les Wexner, and, of course, Max M. Fisher. We at the College of Business are very appreciative and value their support.

Lastly, I'd like to thank David Harrison, Director of the Office of Minority Student Services. David has provided a very supportive and nurturing environment for myself, as well as to numerous students around the campus. I just can't say enough about David's commitment to the students and his tremendous commitment to the Fisher College of Business. It is because of this support network and the support that I have received from David, that I have chosen to complete my graduate work here at Ohio State University.

Again, I applaud the Fisher College of Business on its success, and I also want to thank again the Board of Trustees for this award. Lastly, as I say to students, there are so many opportunities, there are so many resources, there is such a great support system here at Ohio State, that if students will take the necessary steps, there is no reason not to succeed. Thank you again.

Mr. Celeste:

Thank you very much, Lynn. Another shining star in our galaxy of excellence here at Ohio State.

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STUDENT GOVERNMENT REPORTS

Ms. Kathleen Carberry:

Good morning. Currently, undergraduate representatives are working with CGS, IPC, faculty, and staff on the University Senate Athletic Council to correct the current football ticket allocation policy. As you know, thousands of students were not allowed to purchase 1998 season football tickets. This denial conflicts with the Board of Trustees' dedication to increase retention rates and the top ten ranking, runs contrary to President Kirwan's dedication to the undergraduate experience, and also opposes the fundamental values of The Ohio State University. For the above reasons and many others, USG asks you to support their initiative to afford every student the opportunity to purchase season football tickets while maintaining a cost-neutral solution.

The Undergraduate Student Government has begun distributing the *Safety Guide and Teacher Evaluations*. The Safety Guide contains a map of campus and University districts, highlights the best lit areas, and showcases the blue emergency phones. Their production was led by sophomore Amanda Insko.

The teacher evaluations present the evaluation of instructors that students fill out after taking a class. Historically, USG has only published the evaluations of teachers that granted them permission to do so, but the chances are great that volumes to follow will contain every evaluation of instruction. Junior Tenille Trillian spearheaded the teacher evaluations.

Concerning the tragedies in Nicaragua caused by Hurricane Mitch, USG is beginning today a fundraising drive to support the activities of saving lives and salvaging resources in Nicaragua. A member of USG, Alberto Bolanos, whose grandfather is vice president of Nicaragua initiated this effort. We hope to enlist the support of the University community in helping Ohio State help others in need. To that end, any donations can be forwarded to the USG office to the attention of the Nicaraguan Relief Fund-Hurricane Mitch.

USG has begun speaking to UVC classes about the importance of being involved. Our UVC talks began a few weeks ago and will extend until the beginning of December, are coordinated by sophomore Amanda Graf. Currently, USG is conducting recycling experiments in certain residence halls in cooperation with officials in Physical Facilities and Residence Life, and led by sophomore Seth Metcalf. We hope that the experiments result in data that will be transformed into the most efficient campus-wide recycling program.

Sophomore Gilda Mossadegh is creating a freshman student leader mentoring program that links student leaders to freshmen mentees. The goal of this program is to involve more students beyond the classroom, and ultimately we would like to see mentors outside of the student organization arena.

This past week, USG concluded its Campus Vote '98 Program. As you may recall, the first part of the program was a voting registration drive and the most recent activities encouraged students and University community members to vote.

Finally, just to reiterate from the October Board meeting, USG is still accepting extra football tickets to give to freshman. USG sincerely thanks those people in units who have donated and sold tickets for freshman thus far -- you've made some students' year.

Next, I'll present the IPC report. This past Halloween, the Interprofessional Council held its annual costume party, making use of the Campus Partners' newly acquired jewel, the Newport Theatre. The event was co-sponsored by professional school

STUDENT GOVERNMENT REPORTS (contd)

Ms. Carberry: (contd)

organizations from all five professional schools, and attended by over 1,200 professional students. The purpose of this annual party is to increase the awareness of IPC and its goal of representing professional students from the campus-wide level to the nation-wide level. The event was an overwhelming success, in that all in attendance had a great time, and IPC increased its number of active members.

The IPC's annual essay contest will begin next week. This year, professional students will write about a member of the faculty at OSU who has affected their lives in a positive way. With so many mentors who shape the lives of professional students, it will be hard to choose which person to honor. The IPC Award for Excellence will be given to both the writer of the winning essay and the honored faculty. IPC looks forward to sharing these essays describing the fantastic professional school education available at OSU.

In other areas, the I-Q Report Committee continues to work on the survey which will help define the professional school experience. The questions that will be asked have been decided on and currently representatives from all five professional schools are working to add to the survey, questions that focus on areas of concern specific to each school. Sending representatives to national conferences, preparing for elections, and campus-wide legislation are other areas of interest to IPC.

Lastly, the Council of Graduate Students is delighted to announce that we are the recipient of the 1998 Graduate Student Association of the Year Award, by the National Association of Graduate and Professional Students. Thank you. I said thank you to Tami, because she announced it at the Student Affairs Committee meeting, which was very nice of her.

CGS was selected over two other finalists, the University of Minnesota, and Washington University in St. Louis. We are thrilled to have been chosen for this award. I would like to thank all the members of CGS for their hard work and dedication, which contributed to us receiving this award. There will be three members of CGS traveling to our national conference for NAGS in Boston to accept the award. The awards dinner is November 20, so my only regret is that I will be missing the Michigan game. I've had several e-mails about what I'm doing with my tickets, but they will probably go to another grad student.

We would like to thank Anne Hayes for establishing an endowment fund for the Edward F. Hayes Graduate Research Forum. This event will be in its 13th year this year, so we appreciate her thoughtfulness in that area.

We are also continuing our work on a professional development fund for graduate students, and will be launching that program before the end of the year. One of our committee chairs, Kelly Costner, from the College of Education, is heading up that project. We also are continuing to work on the issue of graduate student housing and are working with various University offices on that. That's being coordinated by the Campus Partners' graduate and professional student representative, Ron Meyers.

Finally, we have a new office manager, Lisa Perry, a graduate student in atmospheric sciences. She has been a tremendous help since she started with us a few weeks ago, and we are grateful for her support.

That is all for now. Thank you. Are there any questions?

STUDENT GOVERNMENT REPORTS (contd)

Mr. Celeste:

Kathleen, thank you very much for your report and congratulations.

Ms. Carberry:

Thank you very much, we're delighted.

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UPDATE ON THE AFFIRM THY FRIENDSHIP CAMPAIGN

Mr. Celeste:

At this point, I am especially pleased to call on two very special friends and supporters of the University -- individuals who have devoted hours and hours of time on behalf of the University -- Teckie Shackelford and Ray Groves, from the University's Foundation Board, to present an update on Affirm Thy Friendship Campaign.

Ms. Thelka Shackelford: [Slide presentation]

We are delighted that you invited us to come, I believe this is the first time that the Foundation has ever reported to the Board of Trustees, and we are very excited. Bill Lowry, the other vice chair, would have been here, had he not been proving that Ohio State is an international university. He is in London, busy merging BP and Amoco.

I would like to thank you for having us, and I want to thank also President Kirwan, who came on to lead us into the next phase of this Campaign. It is his commitment and his energy, that enabled us to do this without even skipping a beat. Had it not been for that energy, I think we would have had second thoughts about raising the goal, which we have just recently done.

I think behind me there are a number of Foundation Board members, and I would like to have them stand. We're here in numbers. With you, those are the folks that are going to make this thing happen.

You know, you don't just raise money because it's there to be raised. You raise it for a reason. I remember it was my second Foundation Board meeting, when we decided on what the goal would be -- and that was in consultation with fundraising experts -- and it was \$850 million. I sat next to John McCoy, and I thought to myself, "I'm a Pollyanna here," but John was being a Pollyanna, too. We kept saying "a billion, a billion, a billion." Well we didn't get it, because Jerry was afraid he was going to be the person who'd have to raise it. In fact, we have raised the goal, and we will complete that goal, thanks to everybody's help.

My son-in-law asked me one time -- we were at a Foundation sponsored meeting in Chicago -- "Why do you have to raise private dollars for a public university?" And it wasn't very hard to give him the answer to that. The answer is because it really is what distinguishes you from other people.

This Campaign, at \$1 billion, is going to thrust us into a new level, up with only seven other universities who have billion-dollar campaigns: UCLA, University of California-Berkeley, Illinois, Michigan, Texas, and Virginia. There are eight private institutions also which have campaigns of that size, but these are the only public ones, and it will, in fact, raise our visibility nationally and internationally.

UPDATE ON THE AFFIRM THY FRIENDSHIP CAMPAIGN (contd)

Ms. Shakelford: (contd)

This Campaign also allows us new initiatives and the next two slides are going to show you what those new initiatives are: the Student Success Center, the Mathematics and Statistics Lab Learning Center, the College of Veterinary Medicine building improvements, the World Media and Culture Center, and the Center for Emerging Technologies on the Newark campus.

And on this slide, I would just highlight for you the Mathematics and Statistics Learning Center. Last summer I read in the *New York Times* an article that said that if students take algebra in high school they are far more apt to go to college. If they go to college and continue in their math, they are far more apt to be retained by the university. And I think it's particularly meaningful with this math and stat lab that Dr. Kirwan is a mathematician.

Twelve thousand students on this campus will be taking mathematics. Further, because of this Center, they will be training teachers to go into secondary schools. Those teachers will be teaching math, which in turn will probably attract them to Ohio State University, and we will retain them once they have been enrolled. So that is a very important initiative.

Other initiatives are the John Glenn Institute for Public Service and Public Policy, the College of Arts complex, the Frank W. Hale, Jr., Black Cultural Center, and the expanded goals for a number of college units to fund endowments and new programs. I would just tell you -- because you have heard it many times today and we all know that John Glenn comes down to Earth and to Ohio State University -- that is major, and it brings national and international focus to Ohio State.

This institute will also cut across eight to ten colleges within the University, arts and sciences, and geriatrics, just a number of different disciplines. He is a wonderful role model and a very exemplary person because of his personal and political ethics. At this point in our history, that will focus attention -- his being here and this institute being here -- on Ohio State. He is particularly interested in public service, and if there were ever a time to highlight public service, I believe it is now.

You know, money just doesn't fall out of the sky, it has to be asked for, it has to be earned. I remember a number of years ago I came back to Columbus, because my mother had her gall bladder operated on at University Hospital. It took her two full weeks to recover, and perhaps she never did fully recover from that operation, it was very invasive.

It has been announced this week, a \$6.3 million gift to Ohio State for the Minimally Invasive Surgery Center of Excellence on this campus. I would like to think that when my children come to take care of me, it will be minimally invasive. All of you who will ever face the knife on an operating table will, I'm sure, welcome Larry Heaton and his colleagues, and I believe they are here.

Larry is the CEO of the United States Surgical Corporation. It was because of his vision that, I presume, he decided that Ohio State was the right place for this center. So we thank him immensely and his colleagues for their vision and their product that they're going to produce once here. We thank Dr. Melvin -- I think we saw his picture on a slide earlier -- and Drs. Bernadine Healy and Manuel Tzagournis for creating the atmosphere that attracted them here.

I would now like to turn this over to Ray Groves.

UPDATE ON THE AFFIRM THY FRIENDSHIP CAMPAIGN (contd)

Mr. Ray Groves:

Thanks, Teckie. Just a few comments on some of our endowments that have been completed. As you can see, there are 57 new endowed chairs and professorships -- that is since the beginning of the Campaign -- that represents more than a third of what we have cumulatively here at the University. Endowed scholarships and fellowships and research and program funds, it is these types of things that allow us to continue and increase the number of world class professors, researchers, and those top students that everybody's competing to come to Ohio State University. In Physical Facilities, the project funding has been completed during this Campaign. For the Alumni House, you can see that the ground has been broken and you can see the columns at the School of Architecture. Back in the spring, the Bill Davis Stadium was dedicated, I was there for that; also, the Galbreath Center has already been dedicated. As President Kirwan said earlier this morning, the Fisher College was dedicated about two weeks ago. That was a great day, it was a sunny day, and everything just went right.

It is these kinds of things that, again, allow us to bring, attract, and retain at this University those top people that make the difference. We have to have these excellent things to make that difference.

I will turn it over to Jerry May, he is the fellow who keeps us all organized, energizes us, and gives us just a modest bit of oversight.

Vice President Jerry May:

Thank you very much, Ray. I want to take this opportunity to thank Ray and Teckie. Teckie is the chair of the Foundation and a co-chair of the Campaign; Ray is the vice chair of the Foundation; and Bill Lowry -- as you heard is in London -- is also a vice chair of the Foundation. Ray has also been co-chairing the fundraising for the Fisher College of Business and co-chairs our fundraising in New York City. Teckie's been involved with the Veterinary School, the College of Education, and a number of different initiatives across the University.

All of the people that you saw behind you are just an example of people that do this kind of work all across the University. This money wouldn't be raised without the partnership between the academic priorities of the University and the academic leadership going out -- with the Rays and the Teckies of this University -- all across the country nationally to make sure this is all successful.

You see this report on a monthly basis, but I want to mention one thing that Bill Lowry was going to talk with you about today. That is that when you look at the net pledges and you see \$710 million in gifts and pledges -- you see \$72 million that will be paid over the next five-year period of time -- it is a very impressive number. That is the number that will make the difference in the academic programs at the University, as we continue to move ahead to fund the scholarships and fellowships, the chairs and professorships, the endowed research funds, and program funds that Ray has already alluded to and shown you.

I want to show you the planned gift column. This is the part that isn't going to help the University for many, many years. But what I wanted you to see is that in this Campaign, we have a \$150 million goal out of \$1 billion for the planned gifts. Of those, \$93 million has been committed thus far from people in their wills. What we find is, that people actually end up giving a lot more than they commit over a period of time.

UPDATE ON THE AFFIRM THY FRIENDSHIP CAMPAIGN (contd)

Mr. May: (contd)

I am really pleased to tell you that a number that is not in there, but came to me informally yesterday. That is that in the last month, that amount of money -- \$93 million -- has increased by \$10 million. So next month when you see this chart, it will be \$103 million. We have had an amazing month in this particular regard, and there's a lot of people that are responsible for that.

The other thing that we do is we do benchmarking. We are most interested in the quality of the academic program internally and how the money changes this University. We also have to benchmark ourselves to see how we're doing, because as President Kirwan has talked of many times, we have a 20/10 program here. What you need to know here, is that Ohio State is now in the top 20 of all public and private universities during this last year when all gifts were recorded. We're in the company of Harvard, Yale, Stanford, Wisconsin, Michigan, and MIT in that top 20 group, and Ohio State is 19th in all private support during that period of time.

Secondly, we are in the top 10 right now of all public universities in America, a place that we really want to be. You can see that we are 7th, behind Wisconsin, UCLA, Berkeley, Michigan, Washington, and Minnesota.

Let me just highlight something about Washington. Some of you follow Microsoft, and one of the things that you may or may not have read is that Microsoft, of course, has a huge impact on the State of Washington, and on the economy of that state. The Microsoft Company has essentially made 8,000 millionaires. So what you can do, is you can continue to look at the University of Washington and say, there's a lot of people in that community that are going to be supportive. And we are very fortunate ourselves to be in a community that is enormously supportive and in a state that is enormously supportive.

As we were talking last night at a dinner that Teckie hosted for some of the new board members, the strength of our fundraising program at Ohio State is a great national fundraising program we have. We have volunteers in 15 cities around the country, most of them outside of Ohio, and that is what's keeping us in the top 10 at this point in time.

The other thing that you need to know is that Ohio State is in the top 10 -- you can see we are 10th in fact -- in endowment at this institution. This is an opportunity for me to say a couple of things to you. First off, these are 1996-97 figures. You know from the figures that you heard from Jim Nichols, that we're around \$900 million. When this benchmarking took place -- which is our most recent comparative data -- we were at \$760 million. We're at \$900 million today for two principle reasons. That is there is a great fundraising organization of volunteers that is bringing in so far \$158 million in endowment in this Campaign to support these chairs and professorships and scholarships and so forth. So it's those volunteers that have done that.

It is also the professionalism of the whole organization that the Vice President for Finance, Bill Shkurti, has, Jim Nichols and his great team of assistant directors that partner on a daily basis with my staff and partner with the volunteers to make this very successful. That partnership is going to continue. We hope that we are all going to hit \$1 billion by the time we are done in terms of the goal of the Campaign itself, but we are certainly looking forward to hitting \$1 billion in our endowment and continuing to stay in the big leagues.

So with that, I simply want to say thanks, again, to Teckie and Ray. This is your opportunity to ask them any questions if you have them. I want to thank them, and

UPDATE ON THE AFFIRM THY FRIENDSHIP CAMPAIGN (contd)

Mr. May: (contd)

their colleagues, the Foundation Board behind them, and the 1,400 volunteers that work on behalf of this Campaign. I also want to thank the Board for your partnership because, as Teckie alluded to, I have really never quite seen a governing board that has gotten as involved in the fundraising as you all have, as well as this Foundation group. I appreciate that very much.

Mr. Celeste:

Are there any questions? If not, thank you so much, Ray, Teckie, and Jerry. We appreciate the report and look forward to lunch in a few minutes.

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Thereupon the Board adjourned to meet Friday, December 4, 1998, at The Max M. Fisher College of Business, Columbus, Ohio.

Attest:

William J. Napier
Secretary

Theodore S. Celeste
Chairman

Waivers of Competitive Bidding Requirements July-September 1998

(APPENDIX XVI)

Category	Total	Sole Source	Emergency	Sufficient Economic Reason				
Hospitals - Professional Health Care Services	\$2,773,196	7	\$400,000	1	\$0	0	\$2,373,196	6
Hospitals - Equipment and Services	\$19,142,080	26	\$6,663,913	21	\$38,682	1	\$12,439,485	4
Instructional and Research Equipment and Services	\$3,040,996	16	\$2,468,099	9	\$0	0	\$572,897	7
Administrative Support Equipment and Services	\$1,490,285	19	\$1,077,452	\$12	\$255,710	4	\$157,123	3
TOTAL	\$26,446,557	68	\$10,609,464	43	\$294,392	5	\$15,542,701	20

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Office of Business and Administration
October 19, 1998

SALE OF REAL PROPERTY

460 HAVENS CORNERS ROAD
GAHANNA, OHIO 43230

Background

Location and Description

The property consists of approximately one half acre located at 460 Havens Corners Road just east of Hamilton Road, in Gahanna, Ohio. There is a one-story brick medical office building of approximately 3,100 square feet.

The University purchased the property in 1987 (as part of a larger purchase of several Humana facilities) to operate a MedOhio facility. At the end of 1997, the MedOhio relocated to a larger building at 504 Havens Corners Road.

Appraisal and Purchase Price

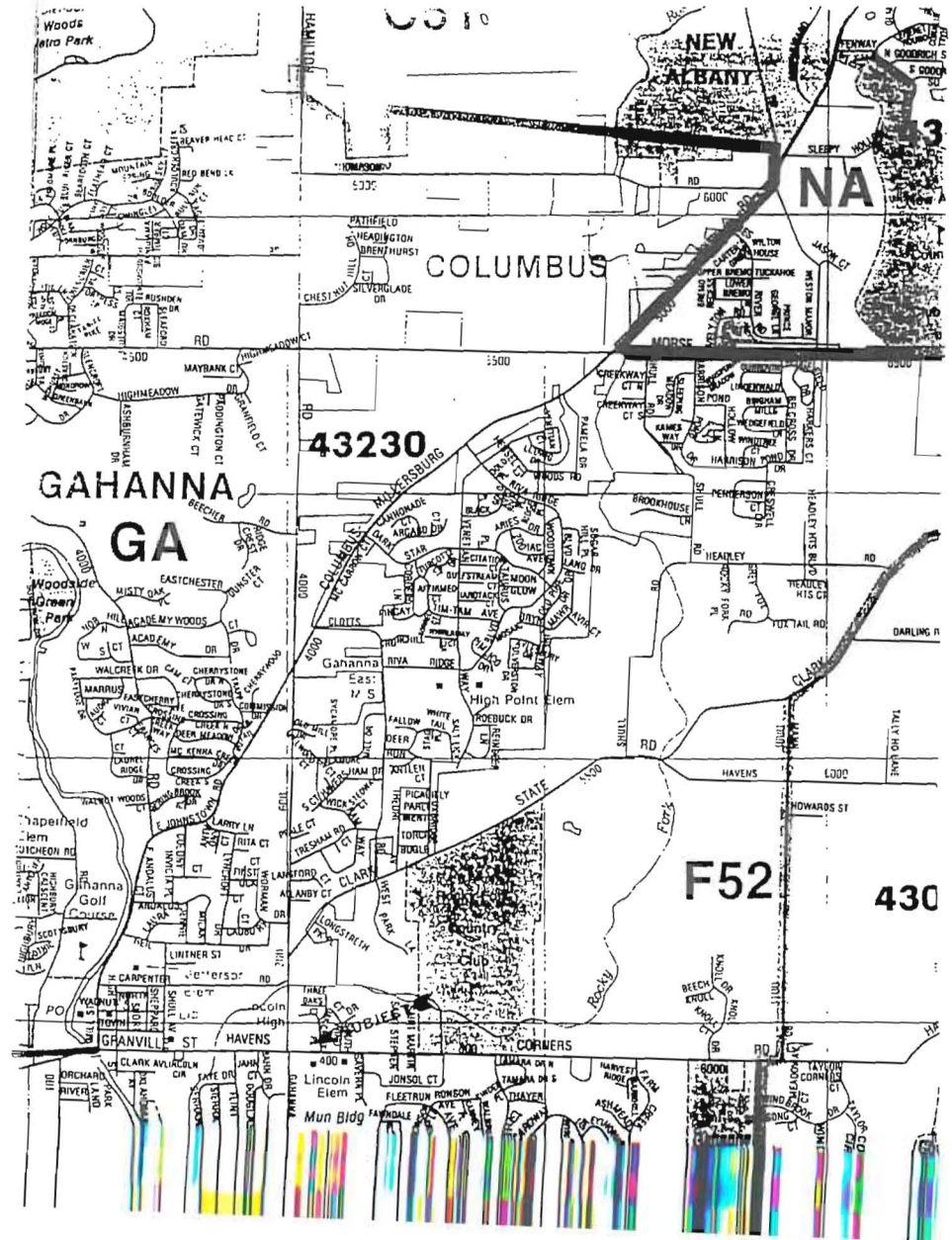
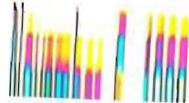
An MAI appraisal concluded in October, 1997, by R.F. Berger and Associates valued the property at \$420,000.00. Third Federal Savings and Loan Association of Cleveland has offered to purchase the property at a price of \$425,000.

Proposed Sale of Property 460 Havens Corners Road, Gahanna



No True Scale

Office of Business and Administration



PURCHASE OF REAL PROPERTY

2104 TULLER STREET
COLUMBUS, OHIO

Background

Location and Description

The property consists of a building constructed of frame and stone with a slate and tile roof, on a 0.379 acre site located one block east of High Street and one-half block south of Lane Avenue. There is parking on the site for approximately 27 vehicles. The building, constructed in 1930, was formerly an orphanage that has been converted into offices. The property is currently owned by the Columbus Foundation, Inc., and is occupied by Big Brothers Big Sisters (BB/BS) administrative offices. The property is in good condition.

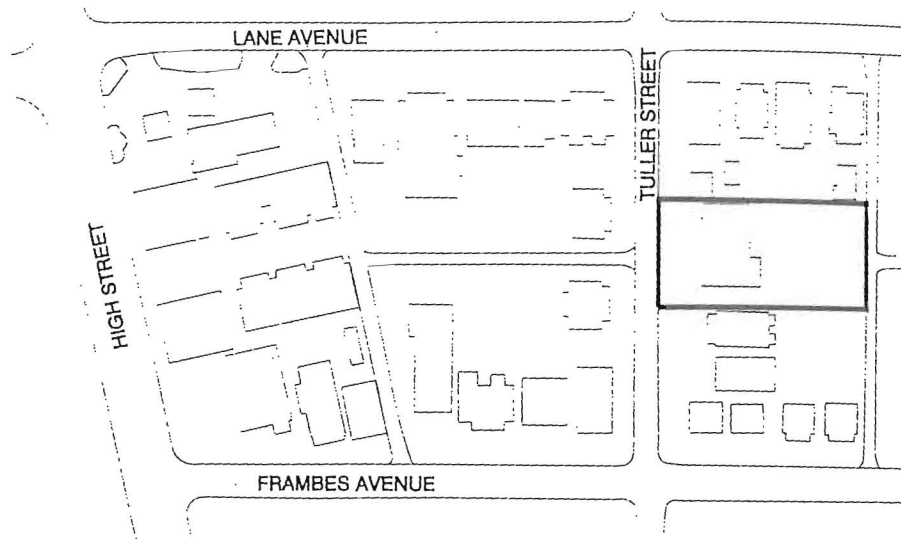
Appraisals and Purchase Price

Two MAI appraisals have been conducted. One in January 1998 by Ralph Berger and Associates valued the property at \$330,000, and the other in September 1998 by Wilhelm and Associates valued the property at \$350,000. The Columbus Foundation has offered to sell the property to the University for a price of \$300,000.

Use of the Property

Maryhaven, Inc., currently is a residential tenant of the University at 231 West Tenth Avenue; Maryhaven has a service provision contract with University Hospitals for extended care for women who suffer from chemical or alcohol abuse. That Tenth Avenue property now is needed for student scholarship housing. To provide for the needed student housing and ensure the continuation of the Maryhaven program that benefits University Hospitals, the University wishes to acquire the property on Tuller Street as a new site for the Maryhaven program. Title to the property will be taken in the name of the State of Ohio for the use of The Ohio State University. Funding for the purchase will be provided by the University's Housing, Food Services, and Events Centers (HFSEC). The property will be managed by HFSEC and leased to Maryhaven at a rent rate that will be sufficient to cover all acquisition, operating, and administrative costs. The lease to Maryhaven will be for a sufficient time period to allow Maryhaven to amortize improvement costs. Maryhaven would be responsible for all ordinary operating expenses and interior and exterior maintenance and repair. In the event Maryhaven would cease its program at this location and return the facility to the University, it could be used for student housing.

2104 Tuller Street
Columbus



No True Scale

Office of Business and Administration
September, 1998



Map Provided by Department of Physical Facilities

**BACKGROUND PAPER
SUPPORTING THE REQUEST FOR
ADDITIONAL FUNDS FOR THE OHIO HEALTH ALLIANCE**

In 1996, the University Hospitals Board and the University Board of Trustees approved the Ohio State University joining in and participating in a not-for-profit corporation, Ohio Health Alliance, for the purpose of developing and delivering a new health care program under Medicare. This was in response to a unique demonstration project of the federal government (Health Care Financing Administration (HCFA) for providers to sponsor health care programs beyond the traditional HMOs. The Ohio Health Alliance in turn entered into a service agreement with the Ohio Health Group HMO to offer the Medicare product to eligible Medicare recipients in the central Ohio area. The product is known as Medicare Extra was very favorably received by Medicare recipients. Actual enrollment has substantially exceeded the projections such that Medicare Extra currently has a little over 7,000 members.

The Agreement between the Ohio Health Alliance and the OHG-HMO calls for the annual submission of a budget to the Alliance. Upon approval of that budget by the Alliance, the Alliance submits a request for funds sufficient to meet the budgeted expenses to the Ohio State University and to Ohio Health (the parent of Riverside/Grant Hospitals).

Over the last several months, the Ohio Health Alliance, in conjunction with the OHG-HMO and its actuary, has been continually reviewing Medicare Extra, its operations and financial performance. At its September meeting, the Ohio Health Alliance Board recommended that the OHG-HMO officially notify HCFA of its intent to not renew the contract with HCFA after December 31, 1998. OHG-HMO did so on September 30, 1998. That notification initiated the windup process established by HCFA. Enrollees have been officially informed of the termination of the program and their options for other coverage.

Based on actuarial evaluations, an additional \$1,500,000 is necessary for expenses already incurred in calendar 1998. The Ohio Health Alliance and Hospitals Administration are continuing to assess the financial obligations in winding down the program. Additional funds may be required to complete the obligations (as yet unquantified) for 1998 and to take care of the winding down costs to be incurred in 1999.

Accordingly, University Hospitals requests approval from the Board of Trustees to spend \$1,500,000.00 from University Hospitals funds for the purpose of the continued operation of the Medicare Extra program through December 31, 1998.